

In the Specification:

Please amend the specification as follows:

Please replace Paragraph [0022] on page 7 with the following paragraph:

[0022] The term "fluorescence dye staining specifically dead cells or viable cells" as used herein describes dyes which enter only dead cells (e.g. propidium iodide), or which enrich only in viable cells (e.g. fluoresceindiacetate). If cell counting of all cells is required, fluorescent dyes are useful for staining dead cells as well as for staining viable cells (e.g. Hoechst 33342). Numerous fluorescence dyes useful for selective labeling of viable or dead cells are described (e.g. catalog from Molecular Probes; <http://www.molecularprobes.com/>). [online], Retrieved from the Internet: [RL:www.molecularprobes.com/](http://www.molecularprobes.com/)>. The fluorescence dyes are added in an appropriate amount, which is, for example, about 1 µg/ml final concentration.

Please replace paragraph [0028] on page 10 with the following paragraph "[0028] **[0028]** Dependent on the proliferation rate of the CD34+ cells, harvest and analysis of cell number and cytotoxicity was performed after 9-10 d cell culture. The cell number and cytotoxicity was analysed by FACS technique. The number of cells present in the well was counted by comparison with an internal bead standard. A aliquot of 10000 beads was added to each well harboring 200 µl medium volume (FluoSpheres® FLUOSPHERES® polystyrene, 15 µm; Molecular Probes).